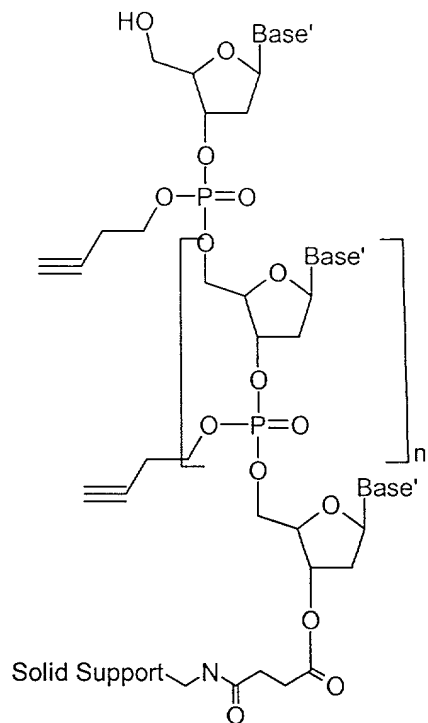


**FIG. 1A**

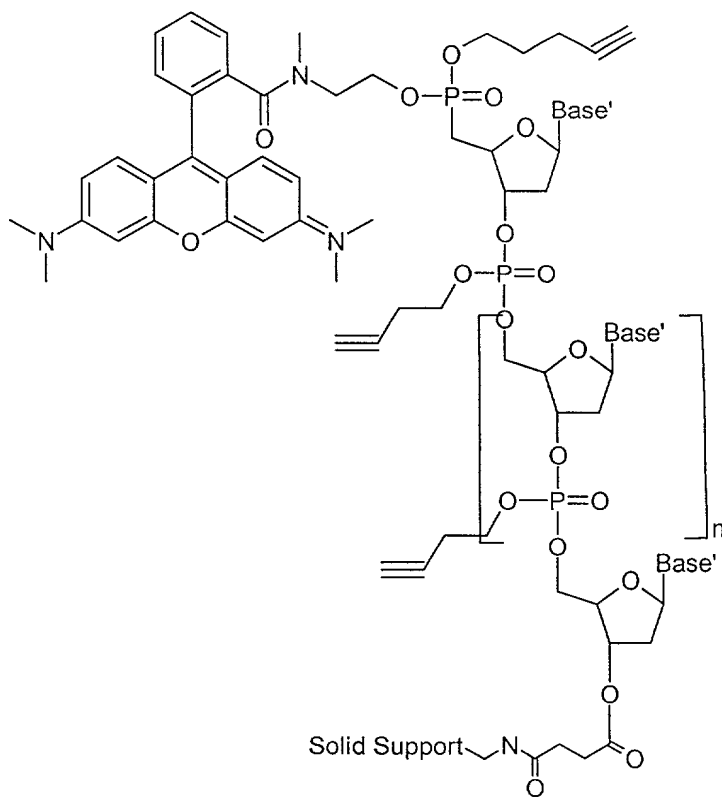
# Support-Bound Protected DNA



Rhodamine  
Phosphoramidite

Oxidatio

# TMR-Labeled Support-Bound Protected DNA



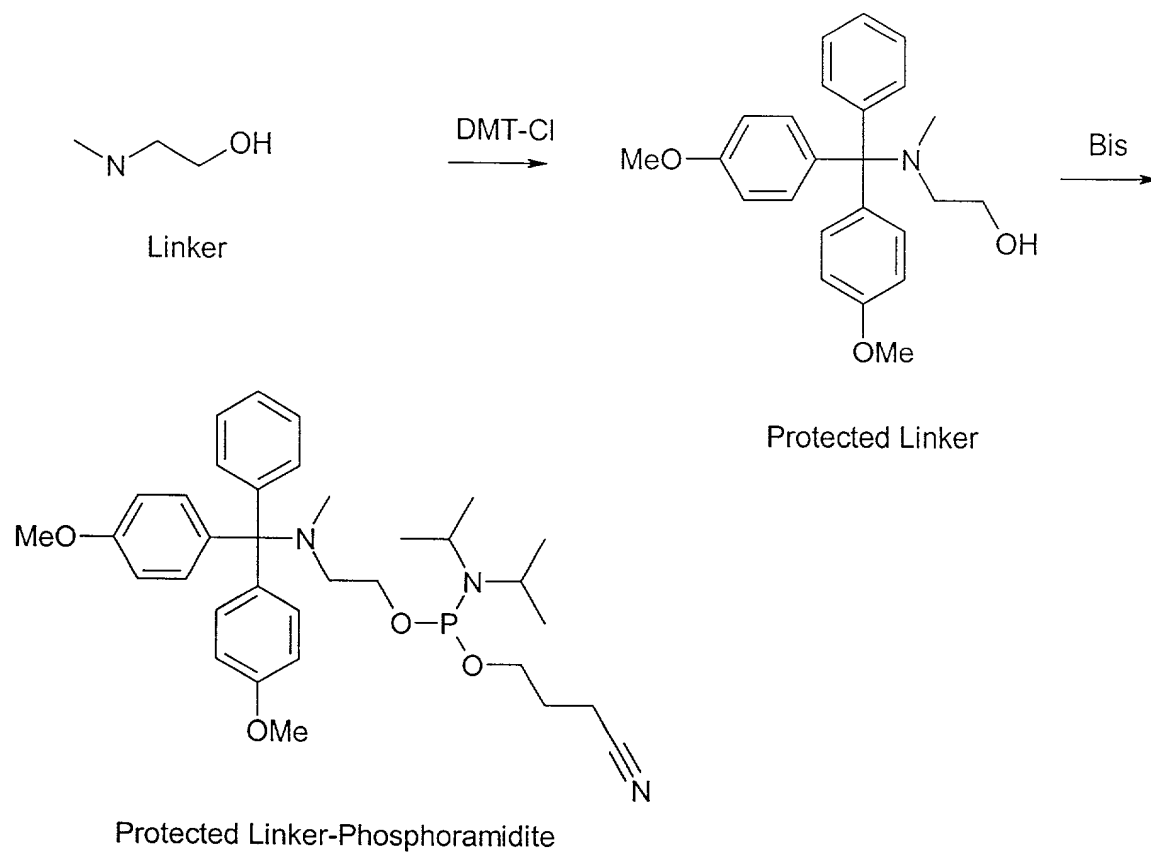
Cleavage

Deprotection

# TMR-Labeled DNA

FIG. 1B

Reaction 1



Reaction 2

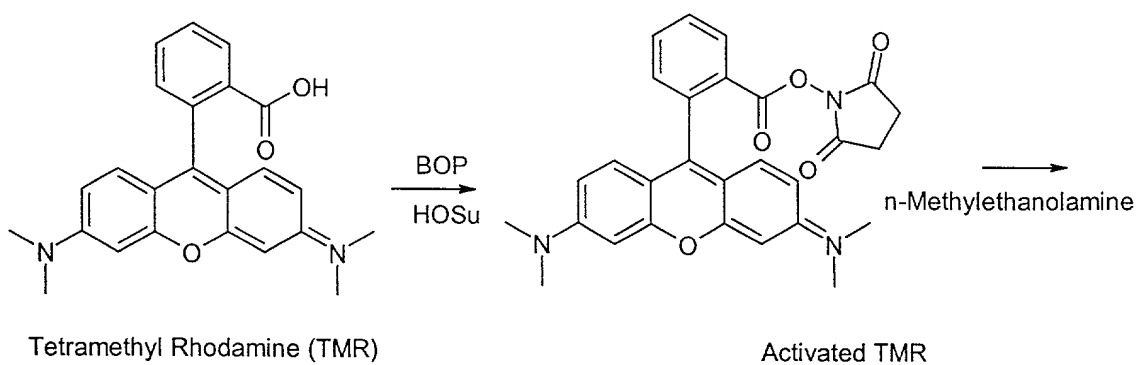
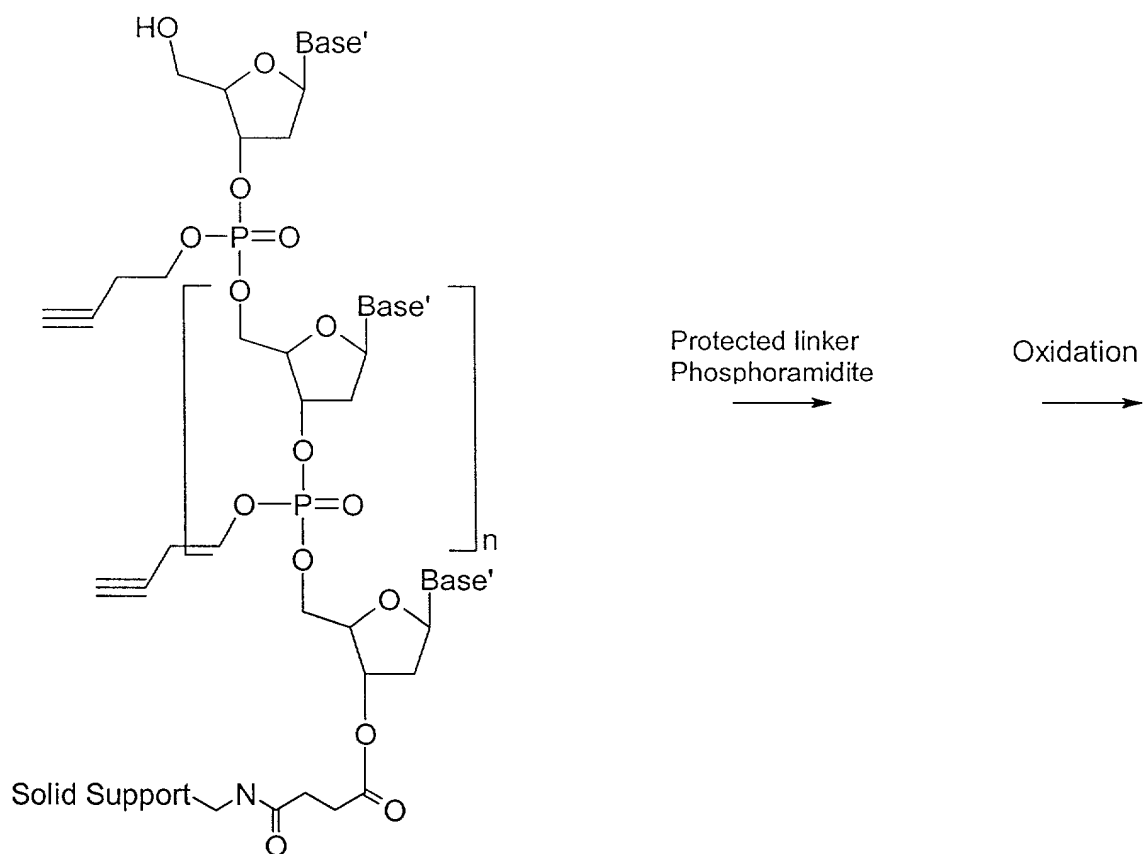
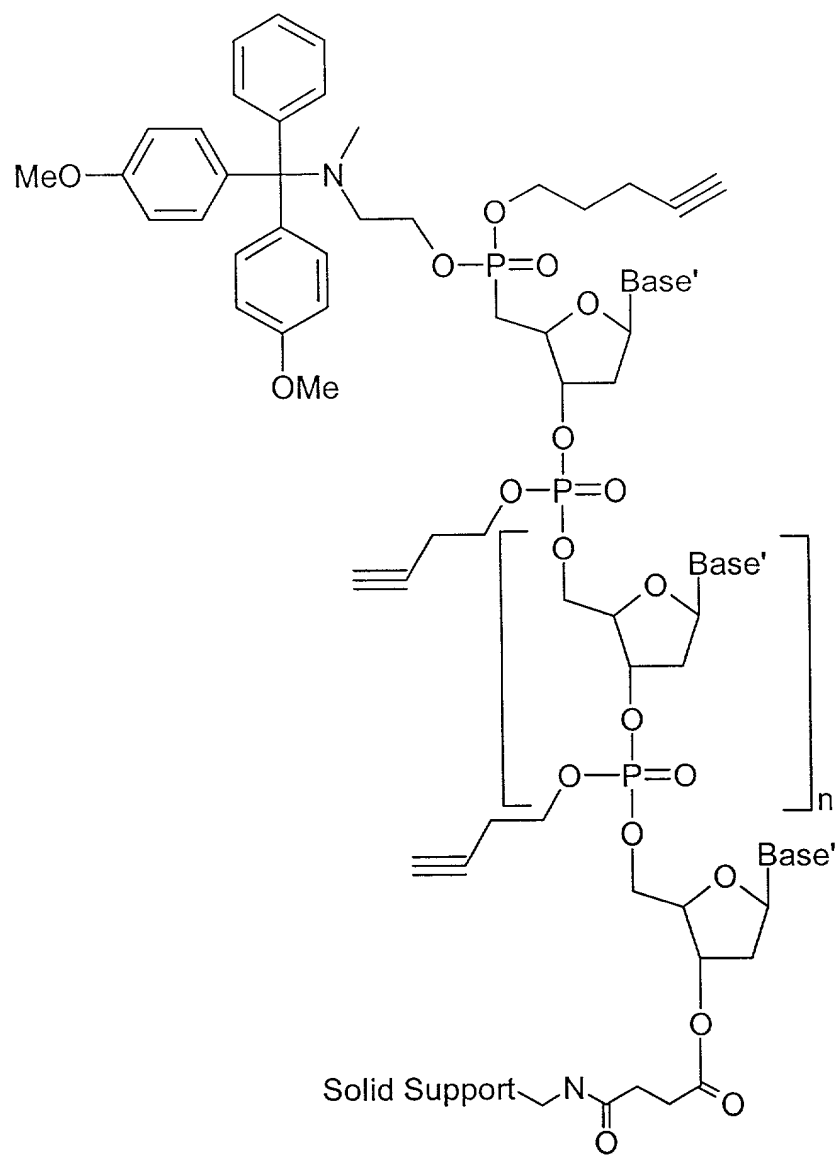


FIG. 2A



**Step 1**

**FIG. 2B**

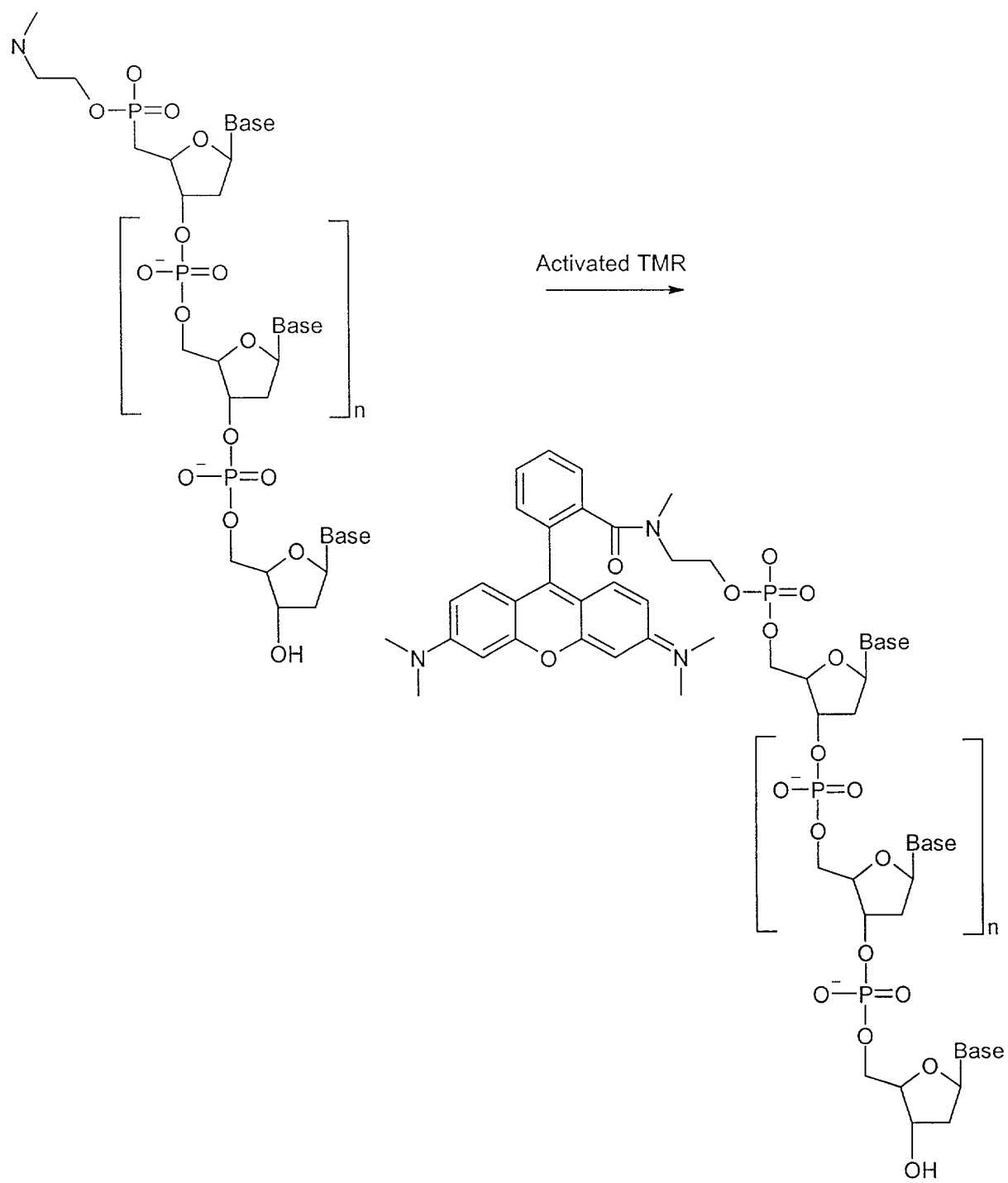


Linker  
Deprotection

DNA  
Cleavage or  
Deprotection

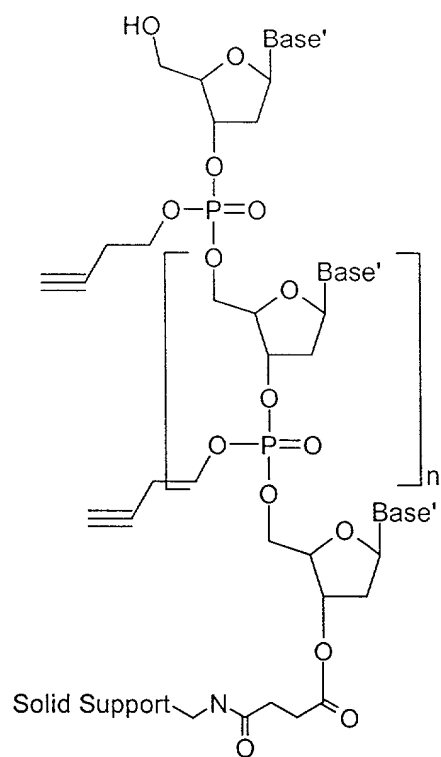
**Step 1**

**FIG. 2B Continued**

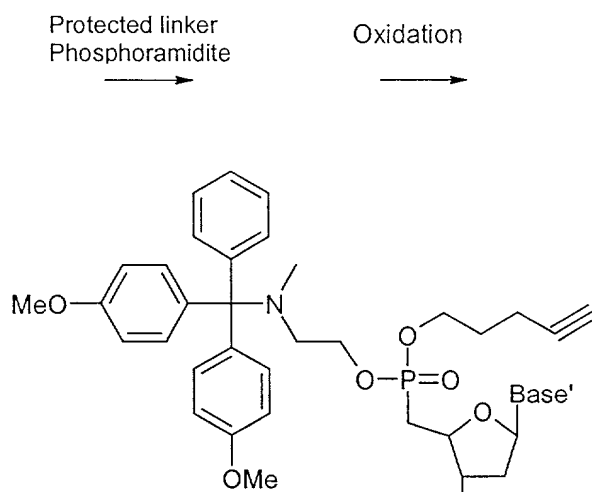


**Reaction 2**

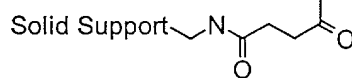
**FIG. 2B**



Support-Bound Protected DNA



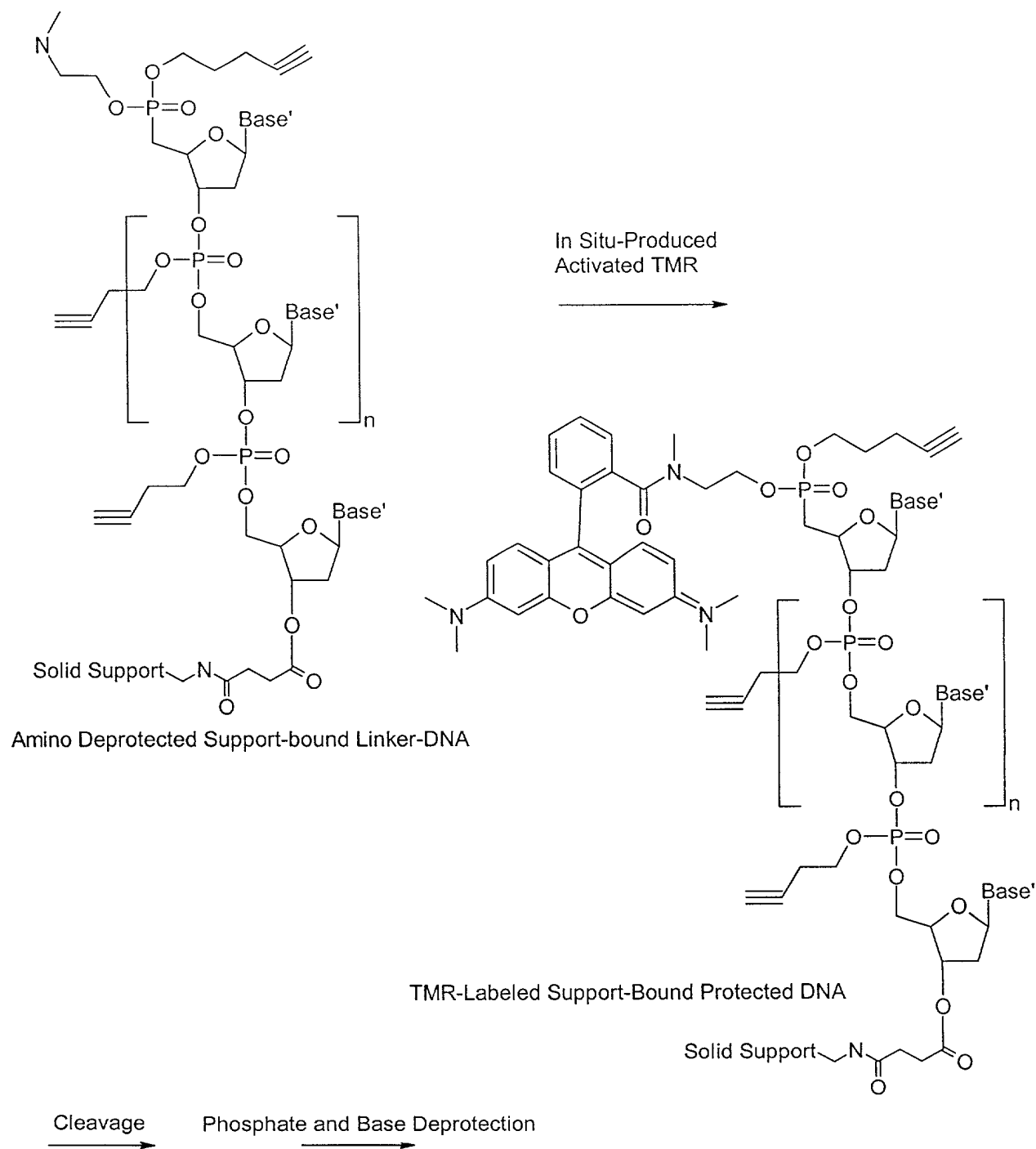
Support-Bound Protected Linker-DNA



Amino Deprotection

Step 1

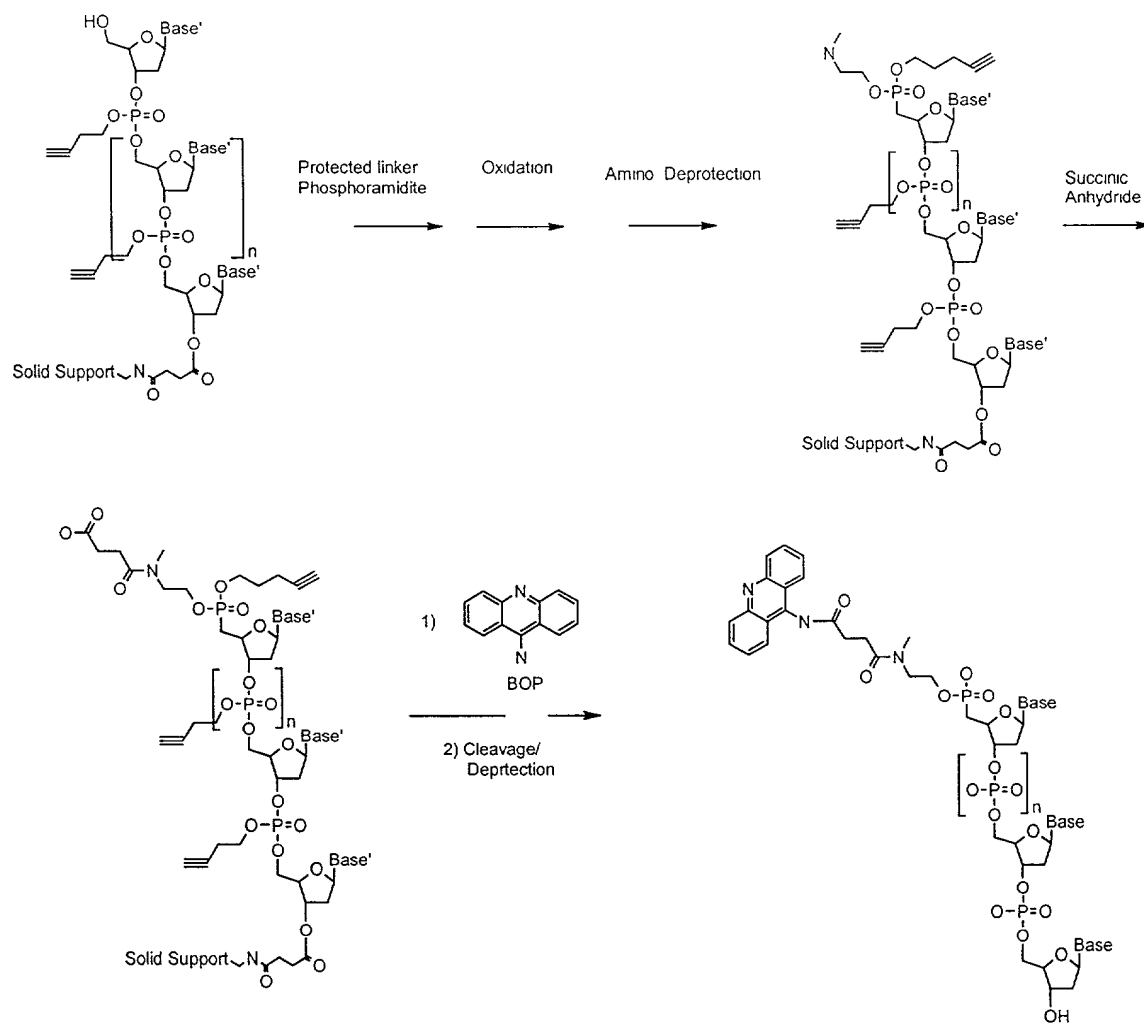
FIG. 3



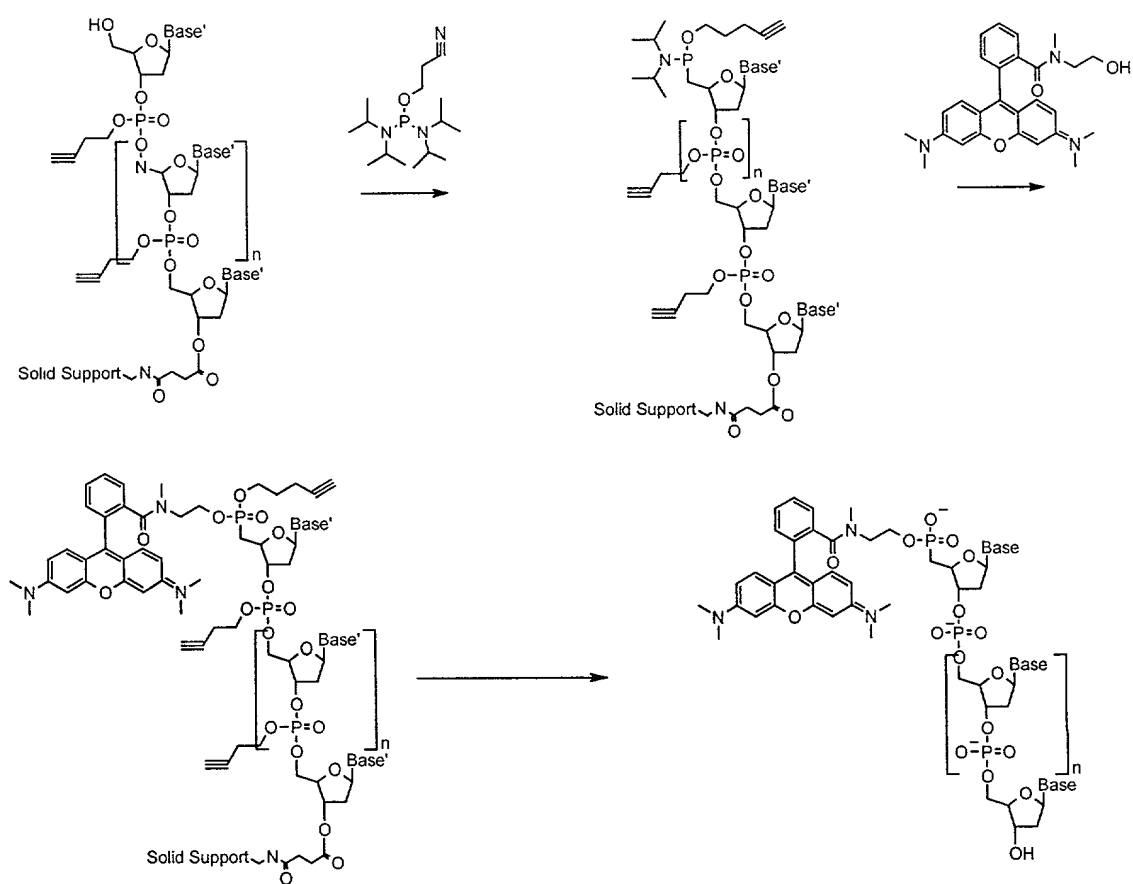
**Step 2**

**FIG. 3 Continued**





**FIG. 4**



**FIG. 5**